Surname and name ..... List number .....

TAX IDENTIFICATION NUMBER

Imagine you are working in an office whose aim is to provide a TIN –tax identification number- to people.

In the morning, you see two people whose IC –identity card- are: **73451790** and **32645891** respectively.

What are the corresponding letters you have to add to turn them into a TIN?

You have the table of letters on the right.

0 T	1 R	2 W	3 A
4 G	5 M	6 Y	7 F
8 P	9 D	10 X	11 B
12 N	13 J	14 Z	15 S
16 Q	17 V	18 H	19 L
20 C	21 K	22 E	

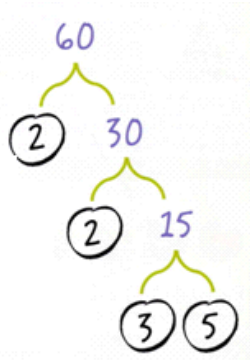
73451790			**32645891**	

FACTOR TREES

The factor tree is a simple way to split a number into factors and to get the prime factorization for a number.

Following this method, you must factorize the numbers: **120 and 3456**

Write on the bottom the resulting prime factorization



120 =

3456 =

Surname and name ..... *List number* .....

SIEVE OF ERATOSTHENES

Here are the first 150 natural numbers. You must find out the prime numbers from 0 to 150 by following the method used by Eratosthenes. That is, when you find a prime number made a circle around it and cross out all its multiples. The first number that isn't crossing out will be the next prime number. You will proceed in the same way until you complete the chart.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150

Finally, write down below the getting list of prime numbers from 1 to 150. That is,

2, 3, 5, 7,